

| Ref # | Hits | Search Query  | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|---|---|------------------|---------|------------------|
| L1    | 2    | (carrier adj (recovery or synchronization) with (turbo adj code\$1) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2004/11/19 08:11 |
| L2    | 1959 | 375/741   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2004/11/19 08:11 |
| L3    | 3174 | 375/341   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2004/11/19 08:18 |
| L4    | 1830 | carrier adj (recovery or synchronization)                           | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2004/11/19 08:11 |
| L5    | 113  | turbo adj code\$1   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2004/11/19 08:12 |
| L6    | 7    | 2 and 3   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2004/11/19 08:12 |
| L7    | 1240 | 5 and 4   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2004/11/19 08:12 |
| L8    | 39   | 375/326   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2004/11/19 08:20 |
| L9    | 2    | 3 and 4   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2004/11/19 08:18 |
| L10   | 7    | 7 and 8   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2004/11/19 08:18 |

|     |      |            |   |    |     |                  |
|-----|------|------------|---|----|-----|------------------|
| L10 | 1694 | 375/344    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/11/19 08:25 |
| L11 | 4    | 10 and 8   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/11/19 08:20 |
| L12 | 506  | 455/119    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/11/19 08:23 |
| L13 | 0    | 8 and 12   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/11/19 08:23 |
| L14 | 350  | 375/240.28 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/11/19 08:26 |
| L15 | 0    | 8 and 14   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/11/19 08:26 |
| L16 | 317  | 375/293    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/11/19 08:26 |
| L17 | 0    | 16 and 8   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/11/19 08:26 |
| L18 | 4868 | 375/354    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/11/19 08:27 |
| L19 | 0    | 18 and 8   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/11/19 08:26 |

|     |       |                  |   |    |     |                  |
|-----|-------|------------------|---|----|-----|------------------|
| L20 | 1694  | 375/344          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/11/19 08:27 |
| L21 | 4     | 20 and 8         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/11/19 08:27 |
| L22 | 791   | 375/364          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/11/19 08:27 |
| L23 | 1     | 22 and 8         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/11/19 08:27 |
| S1  | 1     | "09/729443"      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/11/17 13:43 |
| S2  | 0     | "PCT/US01/28974" | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/11/17 14:07 |
| S3  | 5489  | tran.in.         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/11/17 14:07 |
| S4  | 5217  | cameron.in.      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/11/17 14:08 |
| S5  | 35    | S3 and S4        | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/11/17 14:07 |
| S6  | 10445 | shen.in.         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/11/17 14:08 |

|     |       |                  |   |    |     |                  |
|-----|-------|------------------|---|----|-----|------------------|
| S7  | 28    | S6 and S5        | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB                                     | OR | OFF | 2004/11/17 14:08 |
| S8  | 43975 | jones.in.        | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB                                     | OR | OFF | 2004/11/17 14:08 |
| S9  | 12    | S7 and S8        | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB                                     | OR | OFF | 2004/11/17 14:08 |
| S10 | 61    | S4 and S8        | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB                                     | OR | OFF | 2004/11/17 14:16 |
| S11 | 0     | "PCT/US01/27597" | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB                                     | OR | OFF | 2004/11/17 14:17 |
| S12 | 2     | jaffee.in.       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB                                     | OR | OFF | 2004/11/17 14:18 |
| S13 | 0     | S12 and S4       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB                                     | OR | OFF | 2004/11/17 14:17 |
| S14 | 1285  | jaffe.in.        | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB                                     | OR | OFF | 2004/11/17 14:18 |
| S15 | 16    | S4 and S14       | EPO; JPO;<br>DERWENT;<br>IBM_TDB<br>US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/11/17 14:18 |
| S16 | 0     | "EP986181"       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB                                     | OR | OFF | 2004/11/17 14:23 |

|     |   |  |   |    |     |                  |
|-----|---|--|---|----|-----|------------------|
| S17 | 2 | "EP 986181"                                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB                                     | OR | OFF | 2004/11/17 14:23 |
| S18 | 2 | "EP 940957"                                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB                                     | OR | OFF | 2004/11/17 14:26 |
| S19 | 3 | GHAZVINIAN.in. and HINEDI.in.<br>and GRIEP.in. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB                                     | OR | OFF | 2004/11/17 14:29 |
| S20 | 1 | "EP 891656"                                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB                                     | OR | OFF | 2004/11/17 14:48 |
| S21 | 2 | "EP 973292"                                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB                                     | OR | OFF | 2004/11/17 14:52 |
| S22 | 0 | "FR2724522"                                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB                                     | OR | OFF | 2004/11/17 14:54 |
| S23 | 2 | "FR 2724522"                                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB                                     | OR | OFF | 2004/11/17 14:54 |
| S24 | 2 | "GB 2346782"                                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB                                     | OR | OFF | 2004/11/17 14:56 |
| S25 | 2 | "EP 1030457"                                   | EPO; JPO;<br>DERWENT;<br>IBM_TDB<br>US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/11/17 14:57 |
| S26 | 2 | "WO 02/37691"                                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB                                     | OR | OFF | 2004/11/17 15:01 |

|     |   |   |   |    |     |                  |
|-----|---|---|---|----|-----|------------------|
| S27 | 2 | "WO 02/19552"                                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB                                     | OR | OFF | 2004/11/17 15:03 |
| S28 | 2 | "WO 02/41563"                                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB                                     | OR | OFF | 2004/11/17 15:13 |
| S29 | 0 | "EP 1 009 098"                                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB                                     | OR | OFF | 2004/11/17 15:14 |
| S30 | 2 | "EP 1009098"                                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB                                     | OR | OFF | 2004/11/17 15:14 |
| S31 | 2 | "EP 843437"                                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB                                     | OR | OFF | 2004/11/17 15:16 |
| S32 | 3 | (turbo adj code\$1) with (carrier adj recovery) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB                                     | OR | OFF | 2004/11/18 06:53 |
| S33 | 2 | "6202189".pn.                                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB                                     | OR | OFF | 2004/11/18 06:53 |
| S34 | 2 | "6065147".pn.                                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB                                     | OR | OFF | 2004/11/18 06:56 |
| S35 | 2 | "6119264".pn.                                   | EPO; JPO;<br>DERWENT;<br>IBM_TDB<br>US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/11/18 06:57 |
| S36 | 2 | "6122763".pn.                                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB                                     | OR | OFF | 2004/11/18 07:00 |

|     |    |   |   |    |     |                  |
|-----|----|---|---|----|-----|------------------|
| S37 | 2  | "5349608".pn.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/11/18 07:02 |
| S38 | 2  | "6304996".pn.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/11/18 07:03 |
| S39 | 2  | "5784300".pn.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/11/18 07:10 |
| S40 | 2  | "6182261".pn.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/11/18 07:12 |
| S41 | 1  | "2001/0028690"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/11/18 07:13 |
| S42 | 40 | ("20010028690"   "4677625"  <br>"4677626"   "4979175"   "5181209"<br>  "5349608"   "5406570"  <br>"5446747"   "5563897"   "5666378"<br>  "5675585"   "5703911"  <br>"5721745"   "5734962"   "5742612"<br>  "5761248"   "5784300"  <br>"5841818"   "5907582"   "5933462"<br>  "5970085"   "5978365"  <br>"5983384"   "5983385"   "5996104"<br>  "6014411"   "6016568"  <br>"6065147"   "6119264"   "6122763"<br>  "6182261"   "6304996") | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | OFF | 2004/11/18 07:15 |
| S43 | 2  | "6330277"   "6334197"   "6339834"<br>  "6351832"   "6427214"  <br>"6484283"   "6530059"  <br>"6574766").PN.<br>"wo 02/19552"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/11/18 07:23 |
| S44 | 0  | "wo 0237691"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/11/18 07:23 |

|     |   |               |   |    |     |                  |
|-----|---|---------------|---|----|-----|------------------|
| S45 | 2 | "wo 02/37691" | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB                                     | OR | OFF | 2004/11/18 07:23 |
| S46 | 2 | "4979175".pn. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB                                     | OR | OFF | 2004/11/18 07:23 |
| S47 | 2 | "5742612".pn. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB                                     | OR | OFF | 2004/11/18 07:25 |
| S48 | 2 | "ep 1030457"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB                                     | OR | OFF | 2004/11/18 07:26 |
| S49 | 2 | "gb 2346782"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB                                     | OR | OFF | 2004/11/18 07:53 |
| S50 | 2 | "fr 2724522"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB                                     | OR | OFF | 2004/11/18 07:54 |
| S51 | 2 | "ep 973292"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB                                     | OR | OFF | 2004/11/18 07:56 |
| S52 | 2 | "ep 1009098"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB                                     | OR | OFF | 2004/11/18 08:02 |
| S53 | 2 | "wo 02/41563" | EPO; JPO;<br>DERWENT;<br>IBM_TDB<br>US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/11/18 08:55 |
| S54 | 2 | "4677625".pn. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB                                     | OR | OFF | 2004/11/18 08:33 |



|     |         |  |   |    |     |                  |
|-----|---------|--|---|----|-----|------------------|
| S55 | 41      | "4677626".pn. "5181209".pn.<br>"5406570".pn. "5446747".pn.<br>"5563897".pn. "5666378".pn.<br>"5675585".pn. "5703911".pn.<br>"5721745".pn. "5734962".pn.<br>"5761248".pn. "5841818".pn.<br>"5907582".pn. "5933462".pn.<br>"5970085".pn. "5978365".pn.<br>"5983384".pn. "5983385".pn.<br>"5996104".pn. "6016568".pn. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/11/18 08:46 |
| S56 | 4268337 | W0 99/19994 EP "0940957" EP<br>"0891656" EP "0986181" W0<br>01/43310 W0 02/21702 W0<br>02/23738 W0 02/23739  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/11/18 08:47 |
| S57 | 0       | "W0 99/19994" "EP 0940957" "EP<br>0891656" "EP 0986181" "W0<br>01/43310" "W0 02/21702" "W0<br>02/23738" "W0 02/23739"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/11/18 08:48 |
| S58 | 0       | "W0 99/19994"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/11/18 08:48 |
| S59 | 1       | "Wo 99/19994"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/11/18 08:48 |
| S60 | 0       | "EP 0940957"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/11/18 08:49 |
| S61 | 2       | "EP 940957"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/11/18 08:49 |
| S62 | 2       | "wo 9919994"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/11/18 08:49 |
| S63 | 3       | "EP 891656" "EP 986181" "wo<br>0143310" "wo 0221702" "wo<br>0223738" "wo 0223739"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/11/18 08:54 |

|     |         |   |   |    |     |                  |
|-----|---------|---|---|----|-----|------------------|
| S64 | 0       | "wo 01/43310" "wo 02/21702" "wo 02/23738" "wo 02/23739" | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/11/18 08:54 |
| S65 | 0       | "wo 01/43310"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/11/18 08:55 |
| S66 | 0       | "wo 0143310"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/11/18 08:55 |
| S67 | 1926468 | wo 01/43310   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/11/18 09:21 |
| S68 | 2       | "ep 940957"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/11/18 09:22 |
| S69 | 2       | "6490010".pn.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/11/18 09:26 |
| S70 | 316     | (carrier adj recovery) and reliability                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/11/18 09:49 |
| S71 | 0       | (carrier adj recovery) with reliability with symbol\$1  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/11/18 09:43 |
| S72 | 5       | (carrier adj recovery) with reliability and symbol\$1   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/11/18 09:43 |
| S73 | 2       | ("5363408"   "5471508").PN.                             | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | OFF | 2004/11/18 09:47 |

|     |     |  |   |    |     |                  |
|-----|-----|--|---|----|-----|------------------|
| S74 | 18  | (carrier adj recovery) with (low adj (c/n or snr or s/n or (signal adj to adj noise adj ratio))) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB                                     | OR | OFF | 2004/11/18 09:54 |
| S75 | 3   | (carrier adj recovery) with (turbo adj code\$1)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB                                     | OR | OFF | 2004/11/18 18:44 |
| S76 | 3   | (carrier adj (recovery or synchronization)) with (turbo adj code\$1)                             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB                                     | OR | OFF | 2004/11/18 11:40 |
| S77 | 0   | (carrier adj synchronization) with (turbo adj code\$1)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB                                     | OR | OFF | 2004/11/18 11:40 |
| S78 | 628 | (carrier adj synchronization)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB                                     | OR | OFF | 2004/11/18 11:40 |
| S79 | 42  | (carrier adj synchronization) and soft adj decision  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB                                     | OR | OFF | 2004/11/18 11:46 |
| S80 | 35  | (carrier near synchronization) and (soft adj decision) and viterbi                               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB                                     | OR | OFF | 2004/11/18 11:47 |
| S81 | 0   | (carrier near synchronization) with (soft adj decision) and viterbi                              | US-PGPUB;<br>USPAT;   | OR | OFF | 2004/11/18 11:47 |
| S82 | 17  | (carrier near synchronization) and (soft adj decision) with viterbi                              | EPO; JPO;<br>DERWENT;<br>IBM_TDB<br>US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/11/18 11:47 |
| S83 | 1   | zero adj trace adj back adj viterbi  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB                                     | OR | OFF | 2004/11/18 18:43 |

|     |    |   |   |    |     |                  |
|-----|----|---|---|----|-----|------------------|
| S84 | 37 | (carrier adj recovery) and (turbo adj code\$1)            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/11/18 18:44 |
| S85 | 35 | (carrier adj recovery) and (turbo adj code\$1) and symbol | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/11/19 08:10 |